

Title (en)

Wireless communication system between a plurality of transceivers and transponders

Title (de)

Drathloses Kommunikationssystem zwischen mehreren Transceivern und Transpondern

Title (fr)

Système de communication sans fil entre plusieurs émetteurs-récepteurs et des transpondeurs

Publication

**EP 1244049 B1 20081231 (FR)**

Application

**EP 01810307 A 20010323**

Priority

EP 01810307 A 20010323

Abstract (en)

[origin: EP1244049A1] Receiver-transmitters (6-11) installed in railway wagons of adjacent trains (2,4) at a station and intended to detect portable transponders (20,22) in a particular wagon may give erroneous double indications (24,26). The problem may be overcome by providing the receiver transmitters with listening means to determine if an occupation signal is present on one of a range of frequencies and a reception amplitude threshold is exceeded. An independent claim is also included for the method of finding suitable frequency and indicating occupation to adjacent receiver-transmitters.

IPC 8 full level

**G06K 7/00** (2006.01); **H04B 7/26** (2006.01); **H04W 16/02** (2009.01); **H04W 72/54** (2023.01); **H04W 74/08** (2009.01)

CPC (source: EP US)

**G06K 7/0008** (2013.01 - EP US); **G06K 7/10069** (2013.01 - EP US); **G06K 7/10356** (2013.01 - EP US)

Cited by

EP1665526A4; EP1710726A1; WO2005029698A2; US7953370B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1244049 A1 20020925**; **EP 1244049 B1 20081231**; AT E419590 T1 20090115; CN 1378350 A 20021106; DE 60137192 D1 20090212; JP 2002335209 A 20021122; US 2002134833 A1 20020926; US 6588661 B2 20030708

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**EP 01810307 A 20010323**; AT 01810307 T 20010323; CN 02108002 A 20020322; DE 60137192 T 20010323; JP 2002080160 A 20020322; US 8405802 A 20020228